

What is claimed is:

1. A union remote controller information providing system comprising:

a data base for storing remote controller information
5 correspondingly to manufacture companies and models; and

a server for operating an Internet site which unifies various remote controller information provided from each manufacture company of electronic apparatuses, stores them in the data base, and provides remote controller information according to a user's request.

2. A union remote controller comprising:

a communication means connected to an electronic apparatus capable of performing data communication with an Internet site by
15 a radio or wire mode and for receiving remote controller information from the electronic apparatus;

a storage means for storing the remote controller information transmitted through the communication means; and

a display means for displaying a selection screen for an
20 electronic apparatus and a functional screen of a remote controller,

wherein the union remote controller transmits an infrared ray signal corresponding to a key input by a user.

3. The union remote controller as claimed in claim 2, the electronic apparatus capable of performing data communication is a TV having an Internet function.

5 4. The union remote controller as claimed in claim 2, wherein the electronic apparatus capable of performing data communication is a PC.

10 5. A union remote controller comprising:

15 a communication means capable of performing data communication with an Internet site which provides remote controller information;

20 a storage means for storing remote controller information transmitted through the communication means; and

25 a display means for displaying an Internet site screen accessed through the communication means, a selection screen for an electronic apparatus, and a functional screen of a remote controller,

30 wherein the union remote controller transmits an infrared ray signal corresponding to a key input by a user.

35 6. A union remote controller of a mobile communication terminal that is capable of performing data communication through Internet, comprising:

a controlling unit for selectively controlling a remote controlling function and a telephone function;

an infrared ray transmitting means for transmitting an infrared ray signal according to the remote controller function;

5 and

a display means for displaying an image relating to a telephone function or a remote controller function.

7. A method for operating a union remote controller information providing system which stores remote controller information for a remote controller function corresponding to each electronic apparatus in a data base, the method comprising the steps of:

obtaining remote controller information of a corresponding electronic apparatus from the data base in case that a request of remote controller information for remotely controlling a special electronic apparatus as a user accesses a site; and

transmitting the obtained remote controller information to a corresponding user's terminal.

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8. The method as claimed in claim 7, wherein the user's request for remote controller information is performed in such a manner that the site accessed by the user provides remote controller information lists correspondingly to manufacture

companies and models of a corresponding electronic apparatus and the user selects special information among the lists.

9. The method as claimed in claim 7, wherein the user's
5 request for remote controller information is performed in such a manner that the user accesses the site and inputs a model name of a corresponding electronic apparatus.

10. The method as claimed in claim 7, wherein the remote controller information includes remote controller code information and remote controller function information.

11. The method as claimed in claim 7, wherein the remote controller function information is either text information or
15 graphic information for displaying various functional keys on a screen.

12. The method as claimed in claim 7, wherein storage information of the data base further includes list information of
20 electronic apparatuses corresponding to the remote controller information.